

College Park, MD – 8 July 2011. Maxion and the University of Maryland, Baltimore County have been selected by the US Navy's NAVAIR command to develop a monolithic, beam combined array of phase-locked, buried heterostructure quantum cascade lasers. The laser will emit a low divergence optical beam in a direction normal to the array surface at a wavelength in the mid-infrared spectral region, and its output power is expected to exceed 15 Watts.

About Maxion – Maxion Technologies Inc., a wholly-owned subsidiary of Physical Sciences Inc. (www.psicorp.com), is a leading developer of advanced technology for infrared materials, lasers, and detectors. Quantum cascade lasers are available at a variety of power levels, and spectral characteristics, and packaging options from 4.0 to 12 μm . Interband cascade lasers are also available from 3 – 4 μm . Research and development activities are supported by available MBE, wafer-scale processing, device fabrication, and sophisticated solid-state physics modeling tools.